Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 24 Dec 2023 until 23:59 on Monday 25 Dec 2023

Forecast Issued on Saturday 23 Dec 2023 at 15:36

Confidence: High becoming Medium on Monday.

Headline for Sunday 24 Dec 2023: Rain and drizzle dying out. Brighten skies and scattered showers. Windy.

Mountain weather hazards on Sunday 24 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Drizzle	Light rain	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
80%	70%	70%	60%	30%	30%	20%	20%

Forecast for Sunday 24 Dec 2023

Weather: Overcast with rain and drizzle overnight and early morning. The cloud lifting and breaking during the morning with occasional showers. Very windy with gales or severe at height with significant buffeting and the chance of being blown over.

Chance of cloud-free hill tops above 600m: 20% rising to 80% around midday.

Low Cloud and visibility: Extensive cloud, base 200 to 500m, becoming occasional or extensive base 600 to 900m by midday. Visibility moderate to very poor becoming mostly very good by midday, but lowering moderate to very poor in showers and summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 24 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/49 W	33/47 W	33/47 W	35/50 W	36/52 W	34/50 W	31/46 W	30/44 W	26/38 W
300	22/43 W	20/40 W	23/46 W	23/45 W	23/46 W	22/45 W	21/44 W	20/41 W	16/35 W
Valley	16/34 W	16/36 W	20/41 W	19/39 SW	19/41 W	19/40 W	18/39 W	17/37 W	13/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	8/3	8/3	8/3	7/1	6/-1	5/-1	4/-2	4/-2
300	9/5	10/6	10/6	10/6	9/5	8/3	7/3	7/2	6/2
Valley	10/7	11/8	11/8	11/8	11/7	10/6	9/5	8/5	8/4
Freezing Level*	2500m	2500m	1900m	1900m	1600m	1300m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant buffeting and the risk of being blown over the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 23 Dec 2023	21.8mm	31mm	60mm

Forecast for Monday 25 Dec 2023

Weather: A few clear spells overnight, but mostly cloudy with showers or longer outbreaks of rain. Windy with summit gales.

Maximum wind: West or Southwest 30 to 35mph gusting 50mph.

Chance of cloud-free hill tops above 600m: 60%

Low Cloud and visibility: Extensive or overcast cloud, base around 600m, patches to 300m possible. Visibility moderate to poor at times over the tops, but good or very good at times lower down.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius
At 600m: Plus 2 to 4 Celsius
Freezing level: Above the summits

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